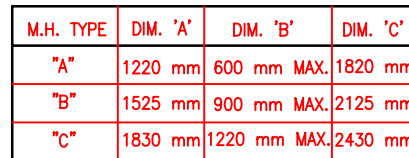


1. MANHOLE STEPS ARE REQUIRED FOR ANY STRUCTURE DEEPER THAN 1.2m AND SHALL CONFORM TO MATERIAL SPECIFICATION 725-02.01. THE COST OF THE STEPS SHALL BE INCLUDED IN THE PRICE BID FOR DROP INLETS OR MANHOLES.
2. MANHOLE TOP SLABS, FRAMES AND COVERS SHALL BE DESIGNED FOR H-25 LOADING.
3. MANHOLE FRAMES AND COVERS SHALL BE SYRACUSE CASTING NO. 1032 FRAME W/ NO. 1007 PLATEN COVER (VENTED) OR APPROVED EQUAL. PAYMENT AREA = 0.307 SQUARE METERS
4. INTERIOR SIDES AND EXTERIOR BOTTOM AND SIDES WALLS SHALL BE COATED WITH TWO COATS OF KOPPERS SUPER SERVICE BLACK OR APPROVED EQUAL. (AFTER BENCH INSTALLED)
5. ALL PIPE CONNECTIONS TO STRUCTURE SHALL BE SEALED WITH 100% MORTAR.



MANHOLE SECTION

- 400 mm (MAX.)
- 200 mm (MIN.)
- (FOR UNREINF. M.H.s) (MIN.)
- 300 mm
- PRECAST MANHOLE TOP
- 100 mm
- NEENAH NO. R-1982-F (OR APPROVED EQUAL)
- STEPS 300mm O.C. MAX.
- 200 mm
- DIM. 'A'
- 200 mm
- 100 mm
- 100 mm
- 200 mm
- 150 mm
- 600 mm I.D.
- 2 COURSES MIN. OR 3 COURSES MAX. OF RED SEWER BRICK TO MEET GRADE 15mm MORTAR OUTSIDE BRICKWORK OR PRECAST CONCRETE ADJUSTMENT RINGS
- REINFORCEMENT AS FURNISHED WITH PRECAST UNIT. PAYMENT INCLUDED IN ITEM NO. 604.0401 M.
- PRECAST REINFORCED CONCRETE MANHOLE UNITS OR CLASS "A" CONCRETE (200 mm REINFORCED, 300 mm UNREINFORCED)
- CLASS "A" CONCRETE BENCHES SHALL BE CAST-IN-PLACE ON ALL STORM MANHOLES REGARDLESS OF PIPE DIAMETER
- NO. 1 STONE BEDDING

REVISÉD